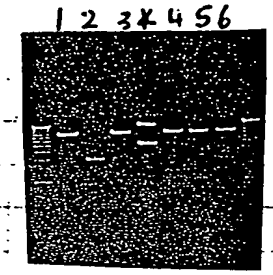
10% plating > 500 colonies
90% plating TMTC.

Test 6 colonies.

* Control pTTQ18-Taq parent cut with BspEI – it does not have any BspEI.

1 2 3 * 4 5 6

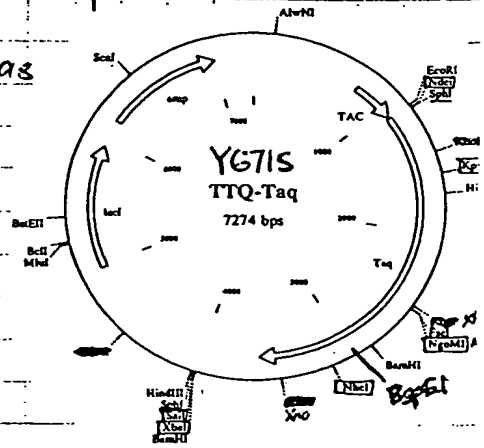


BspEI cut

#1, 3, 4, 5 & 6 are correct as they have the BspEI site (that was created). &

The plasmids were pooled.

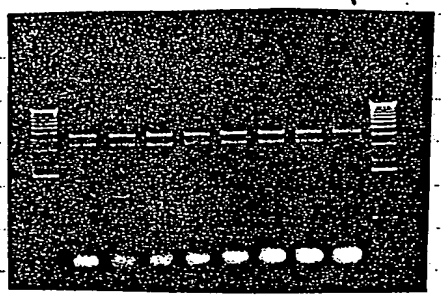
Save #1 & #3 as



Grow #1 & #3 for enzyme activity.

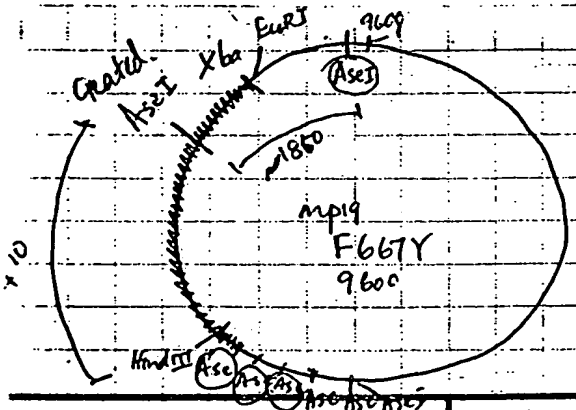
F67Y: Test 8 more plaques.

1 → 8 *



AseI cut

#8 seems to be mixture of wild type and the mutant. The mutant should produce two bands ~1490 bp and ~1850 bp from the second largest band.



Thus #8 was saved. The fragment will be cloned as NgoAIV + XbaI and cloned into pTTQTaq. Then, look for an extra AseI site.

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ssed & Understood by me,	Date,	Invented by	Date
		Rec rded by	